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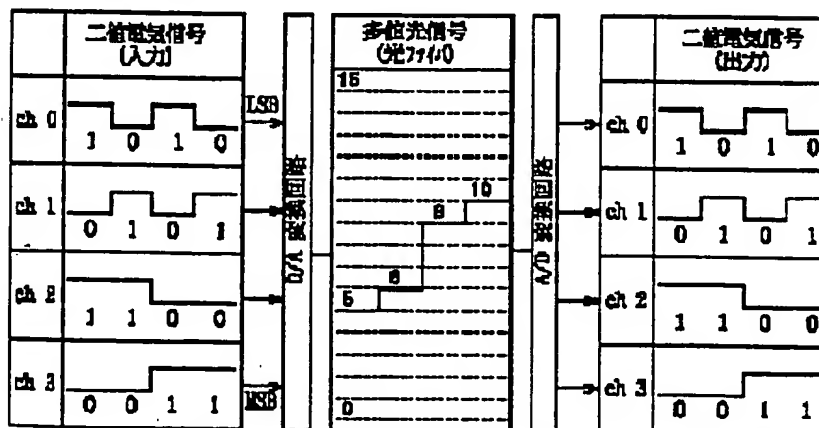
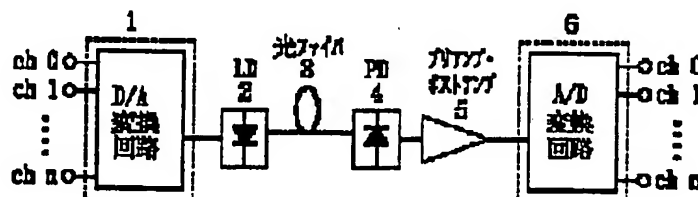
(74) Representative:

(54) OPTICAL TRANSMISSION CIRCUIT, OPTICAL RECEPTION CIRCUIT, AND OPTICAL TRANSMISSION/RECEPTION CIRCUIT

(57) Abstract:

PURPOSE: To perform communication with a low power consumption by converting plural inputted binary electric signals to optical signals and transmitting them through an optical fiber and converting a received multilevel optical signal to a binary electric signal.

CONSTITUTION: When digital signals are inputted to respective channels on the transmission side, they are converted into an analog multilevel optical signal shown in the central Fig., and this optical signal is transmitted to the reception side through an optical fiber 3. On the reception side, an A/D conversion circuit 6 performs A/D conversion to decode the digital signals



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